KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:				(See Instruct	ions on Re	verse Side	3)					
□ Оре	en Flo	w												
Deliverabilty					Test Date: 4/1/2011					No. 15 ' -20694	- COOC)		
Company Chesapeake Operating, Inc.					Lease Garey			Well Number 1-17						
County Location Stanton C NW SE				Section 17		TWP 29S		RNG (E/W) 39W		Acres Attributed		Attributed		
Field Sand Arroyo				Reservoir Morrow			Gas Gathering Connection Chesapeake Energy Marketing, Inc.							
Completion Date					Plug Back Total Depth				Packer Set at					
11/16/93 Casing Size Weight				5578 Internal Diameter Set at			Perforations To							
4.5	5 11.6			`	4.0		5639		5467		5496			
Tubing Size Weight 2.375 4.7				Internal Diameter Set at 1.995 5450				Perfor	То					
Type Completion (Describe) Gas				Type Flui Water	Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No Plunger					
Producing Thru (Annulus / Tubing)					% C	% Carbon Dloxide				% Nitrogen Gas Gravity - G				
Tubing Vertical De	epth(F	1)				Pres	sure Taps				(Meter	Run) (P	rover) Size	
5840		.,									(10101, 0,20	
Pressure I	Buildu	p:	Shut in	2	11 at 1	1	(AM) (PM)	Taken_4	/2	20	11 at 11		(AM) (PM)	
Well on Li	ine:	:	Started	20) at		(AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut	-in_24	Hours	
Static / Dynamic	ynamic Size		Circle one: Meter Prover Pressu	Pressure : Differential	Flowing Temperature		emperature t Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Wellhea	ubing nd Pressure (P ₁) or (P ₆)	Duration (Hours)	1 '	Liquid Produced (Barrets)	
Property			psig (Pm)	Inches H ₂ 0	t	t .			psig psia		· · · · · · · · · · · · · · · · · · ·	<u> </u>		
Shut-In							63	77.4	62	76.4	24	ļ		
Flow														
						FLOW STR	EAM ATTR	IBUTES	ľ					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension	Extension Fact		tor Temperature		riation actor F _{pv}	Metered Flo R (Mcfd)	w GOR (Cubic F Barrel	cet/	Flowing Fluid Gravity G _m	
<u> </u>														
(P _c)² =			(P _w)² =		(OPEN FLO	OW) (DELIV) CALCUL P _e - 14.4) +			(P <u>.</u> (P _d) ² = 0.2	07	
$(P_e)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		·		2. P ² - P ² LOG of formula 1 or 2.		Backpres Slop		essure Curve pe = "n" - or	, , , ,	og	Antilog	Or	Open Flow Deliverability Equals R x Antilog	
(P _e)*- (P	' ₄)'			divided by: P _c ² · P _c ²	and divide by:	b.s. b.s		signed lard Slope				1	(McId)	
Open Flov	<i>N</i>			Mcfd @ 14.	55 psia		Deliverat	oility			Mcfd @ 14.65 ps	sia		
		•	•	n behalf of the nid report is true	•		•		day of	•	ort and that he h		ledge of 20 <u>11 .</u>	
	-		Witness (i				•			For	Сопрапу	R	ECEIVE	
 			For Comm	ission			-			Che	cked by		P 0 6 2	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc
and that the foregoing pressure information and statements contained on this application form are true and
correct to the best of my knowledge and belief based upon available production summaries and lease records
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby request a one-year exemption from open flow testing for the Garey 1-17
gas well on the grounds that said well:
(Check one)
is a coalbed methane producer
is cycled on plunger lift due to water
is a source of natural gas for injection into an oil reservoir undergoing ER
is on vacuum at the present time; KCC approval Docket No
is not capable of producing at a daily rate in excess of 250 mcf/D
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: July 8, 2011
Signature: David Wiist, Production Engineer

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.

RECEIVED

SEP 0 6 2011

KCC WICHITA